

plurality of capacitive elements for electrically interconnecting said plurality of conductors at respective ends of said conductors.

11 (Twice Amended) A very high field Magnetic Resonance Imaging (MRI) system comprising:

a radio frequency (RF) coil assembly adapted to resonate at substantially high frequencies, the RF coil assembly having a plurality of conductors of selected length and selected width to minimize inductance;

a RF coil shield assembly adapted to further reduce the inductance of the conductors contained within the RF coil assembly; and,

a RF drive cable assembly adapted to electrically connect to the RF coil assembly.

IN THE FIGURES

Subject to approval by the Draftsman and Examiner, Figure 1 has been amended to delete reference number 118 and a legend of "Prior Art" has been added. The changes are indicated in red on the attached copy.